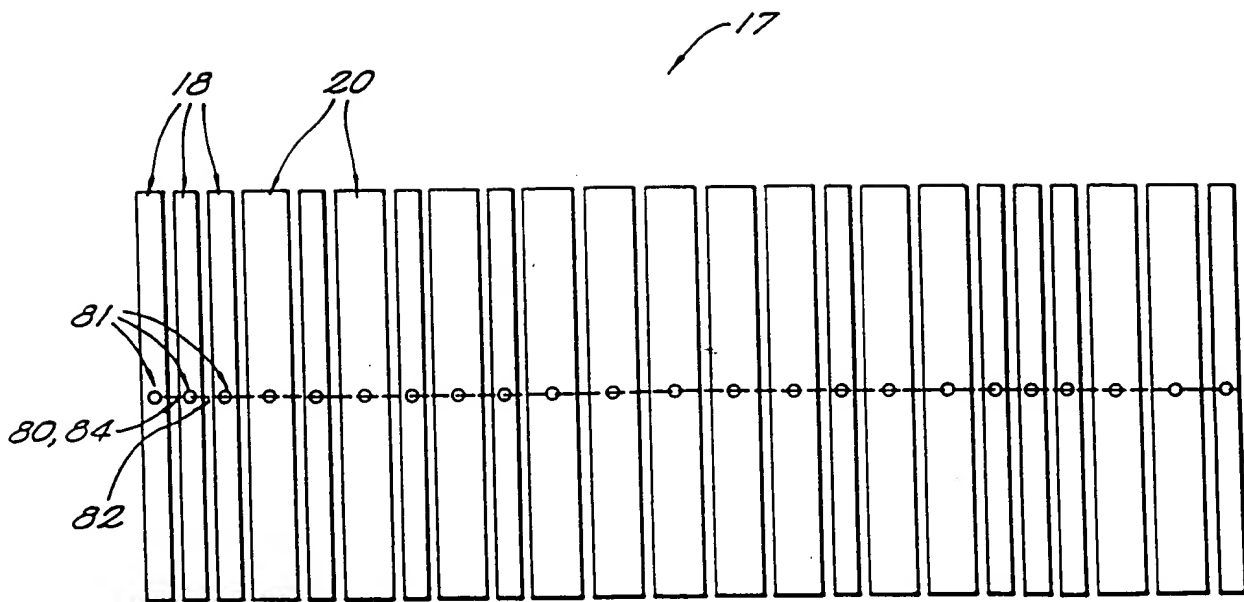


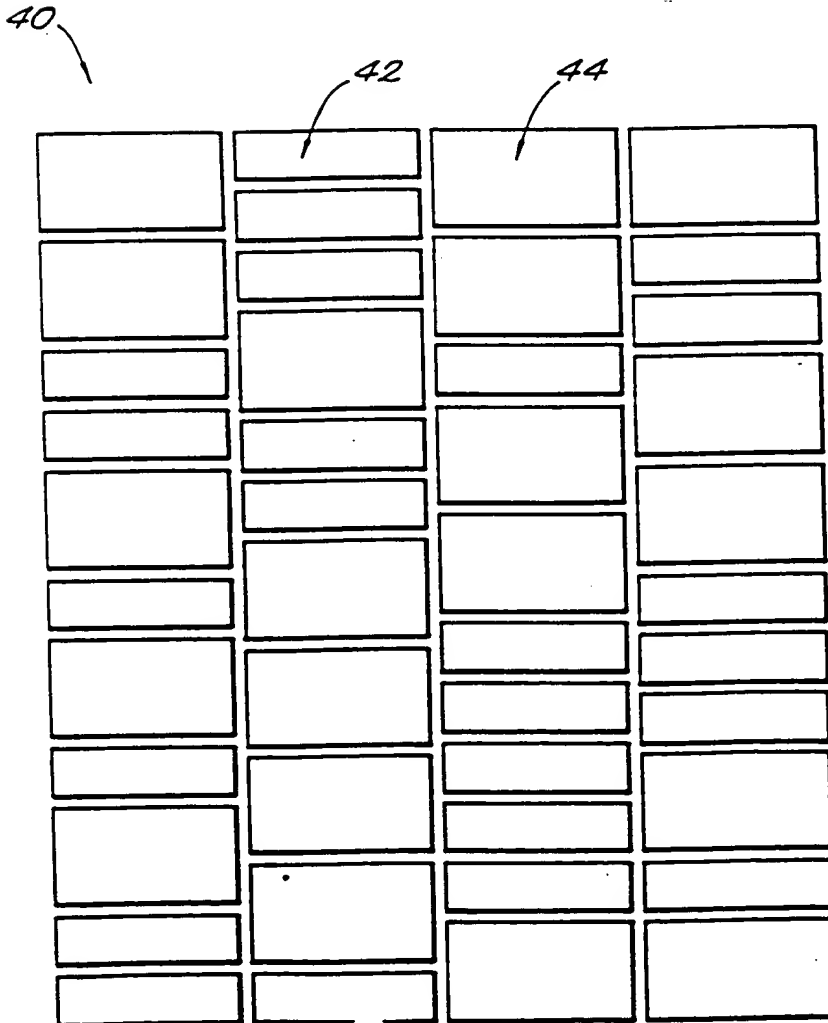
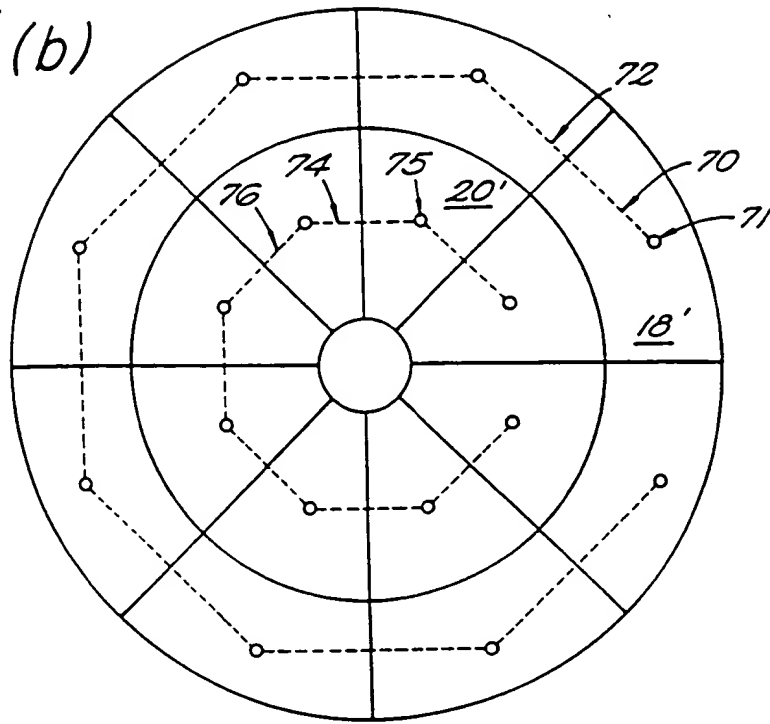
FIG. 1

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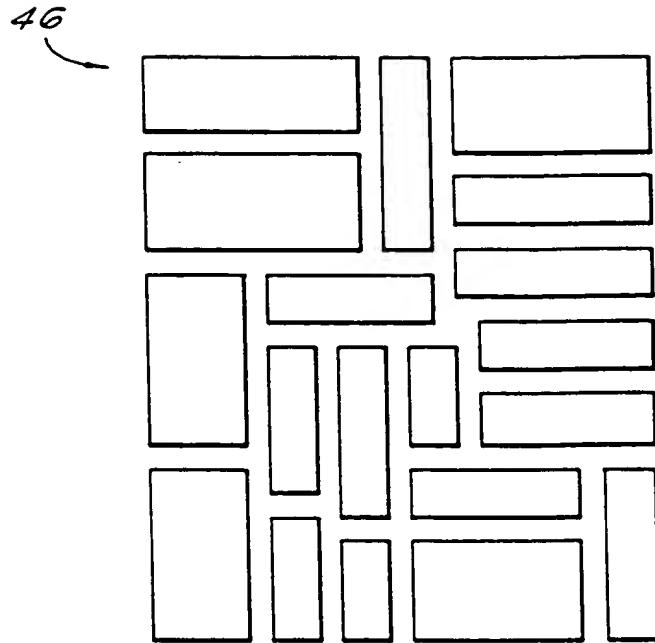
**FIG. 1(a)**

**FIG. 1**(b)  
(PRIOR ART)

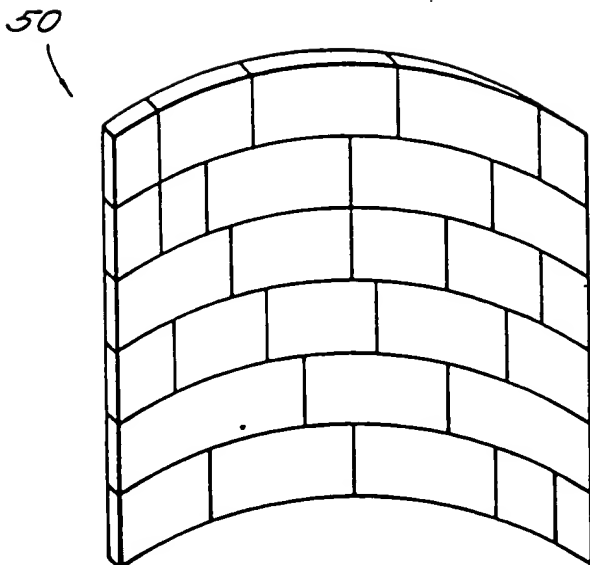


**FIG. 2**

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*FIG. 2(a)*



*FIG. 3*

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60

INPUT INITIAL ARRAY  
OF WEIGHTING FACTORS,  
STEP SIZE, EXIT  
CRITERIA

62

CALCULATE INITIAL  
COST FUNCTION

64

(1) INCREASE/DECREASE THE  
FOCUS WEIGHTING FACTOR BY  
STEP SIZE AND CALCULATE  
THE COST FUNCTION  
(2) REPEAT FOR EACH FOCUS  
LOCATION  
(3) SELECT THE LOWEST COST  
FUNCTION

66

IS THE NEW COST FUNCTION  
LOWER THAN THE ORIGINAL COST  
FUNCTION?

NO

YES

NEW COST FUNCTION AND  
ARRAY OF WEIGHTING  
FACTORS REPLACES ORIGINAL

NO

IS STEP SIZE LESS  
THAN EXIT  
CRITERIA?

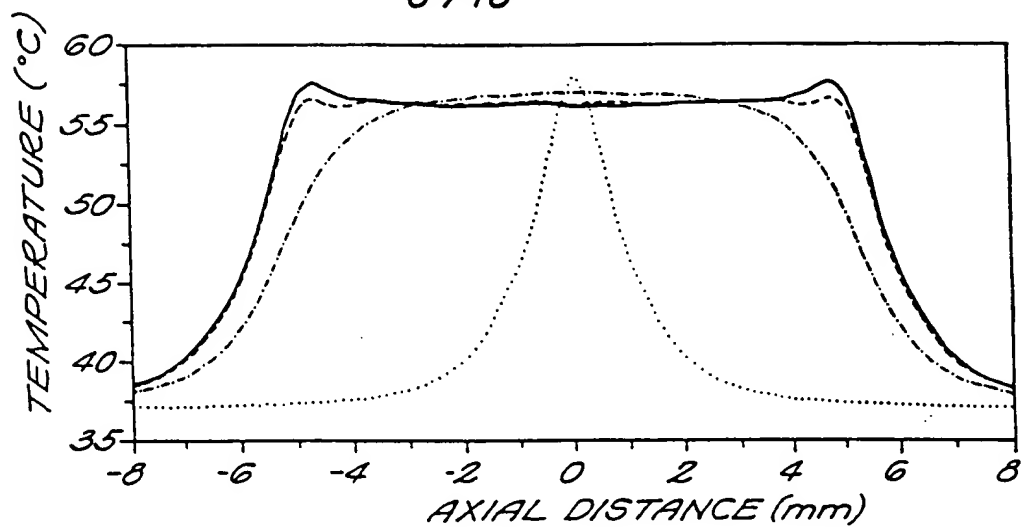
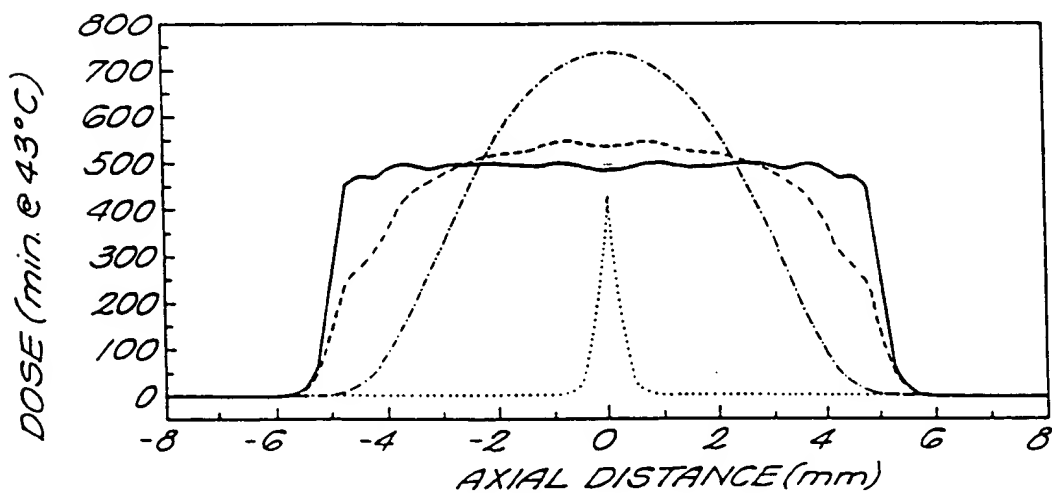
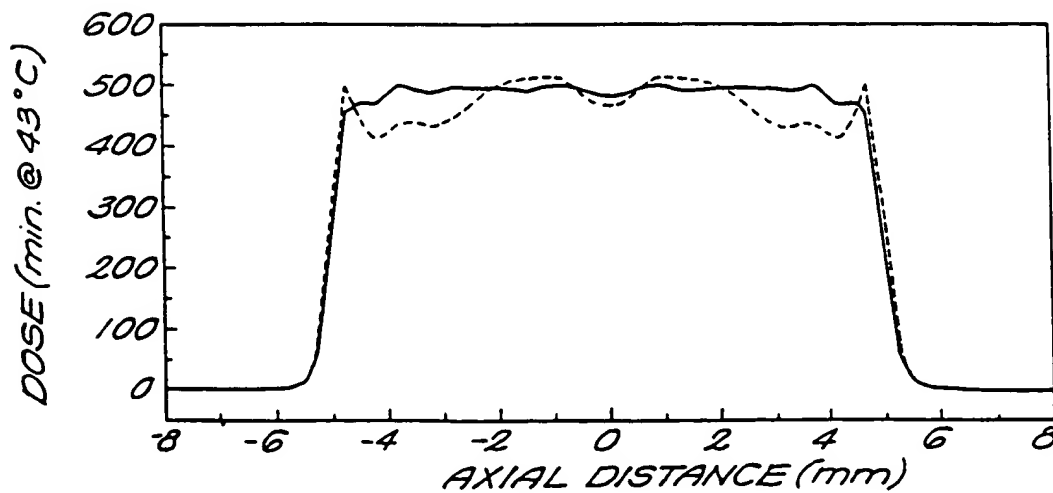
YES

DIVIDE STEP  
SIZE BY 2

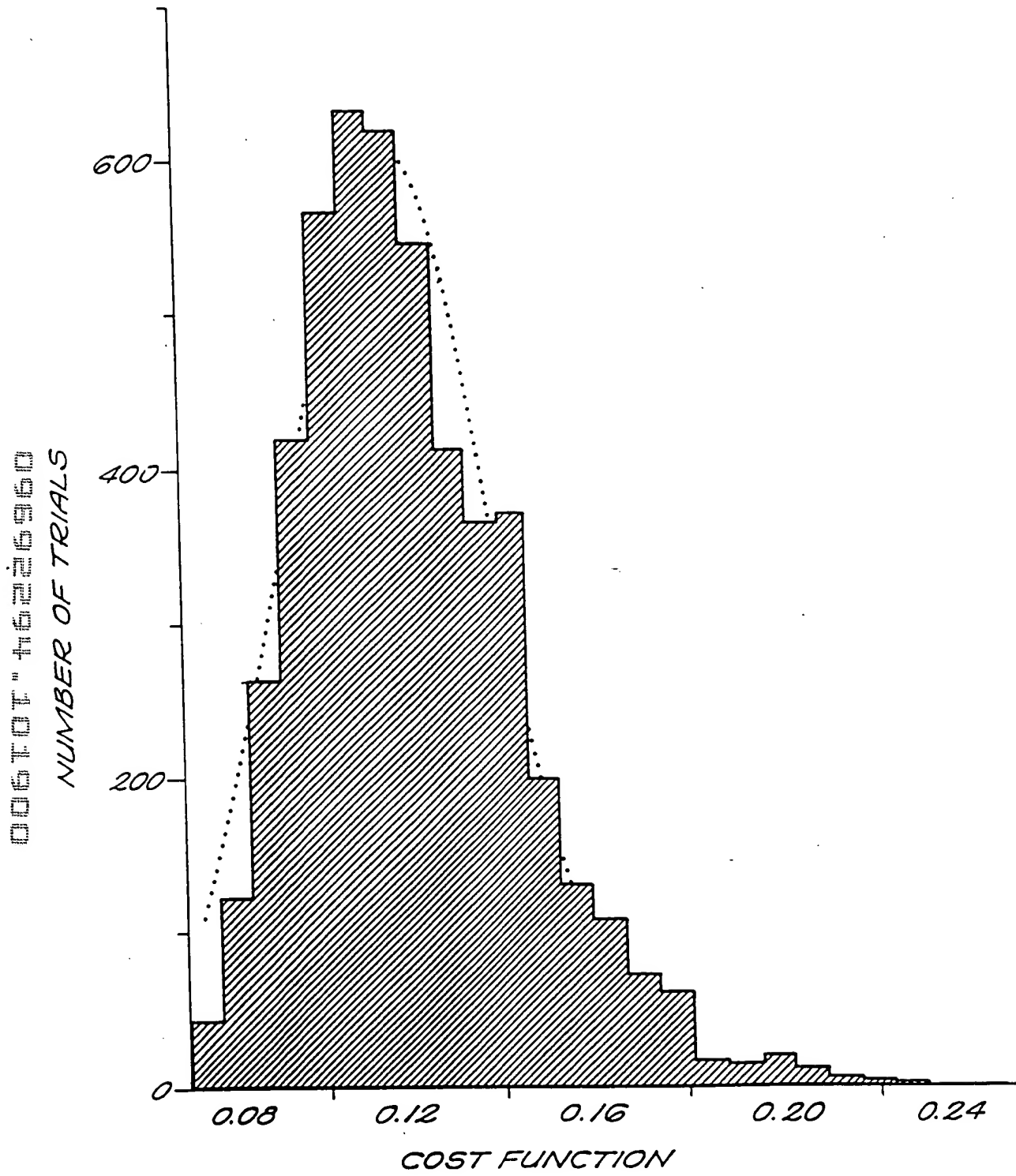
OPTIMIZATION  
COMPLETE

FIG. 4

00692294-101900

*FIG. 5(a)**FIG. 5(b)**FIG. 5(c)*

005701" 46226960

*FIG. 6*

006T0T"46226950

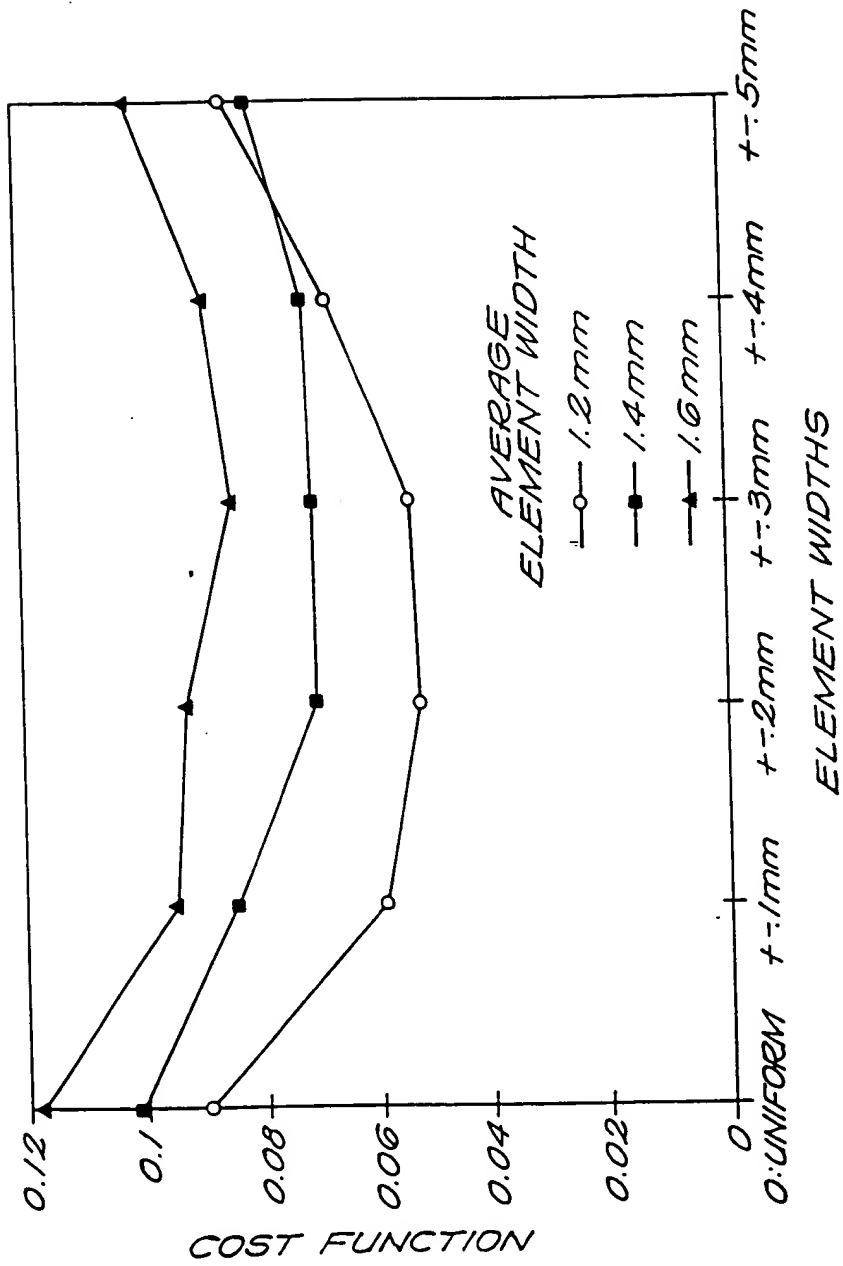


FIG. 7



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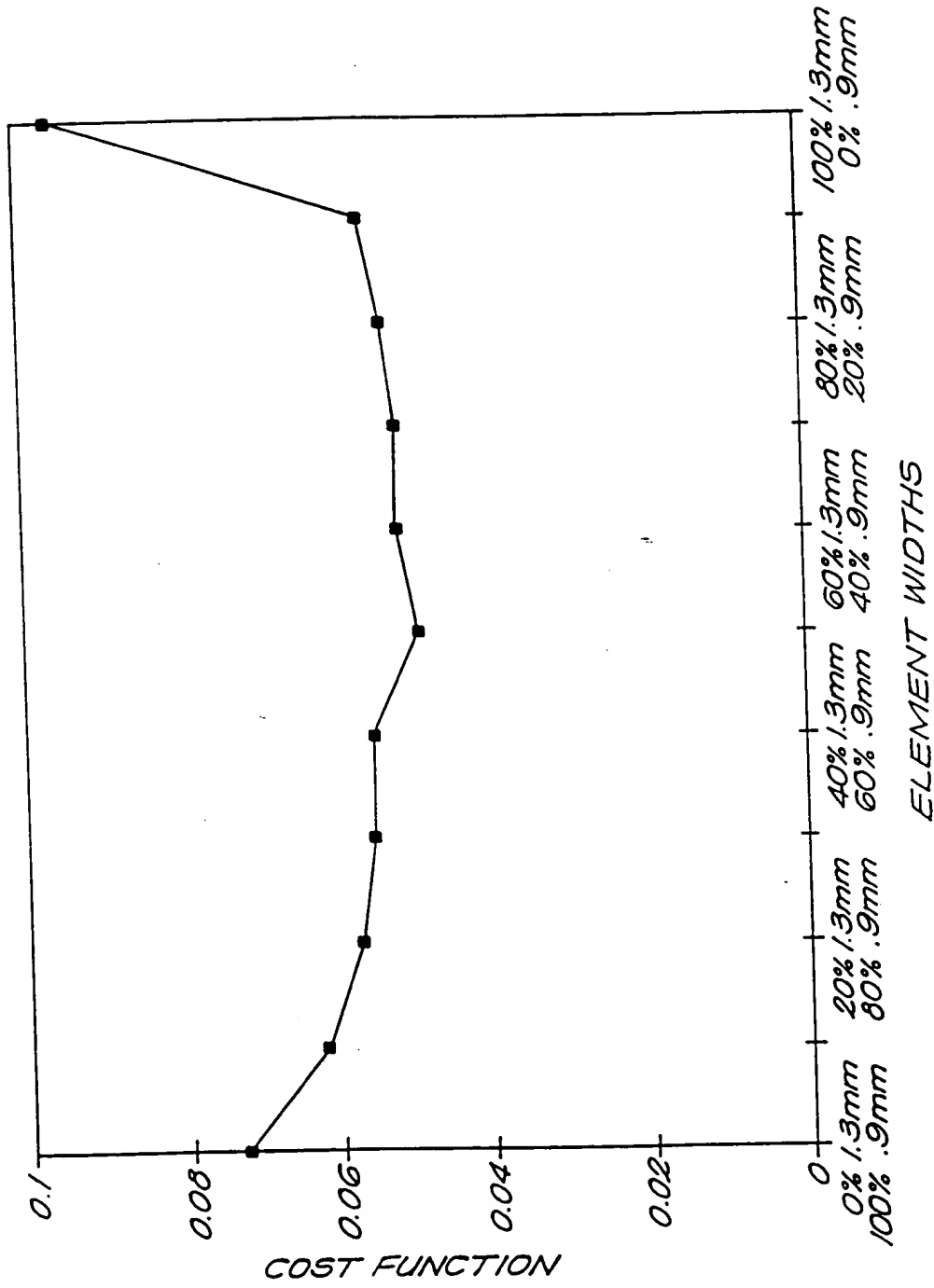


FIG. 8

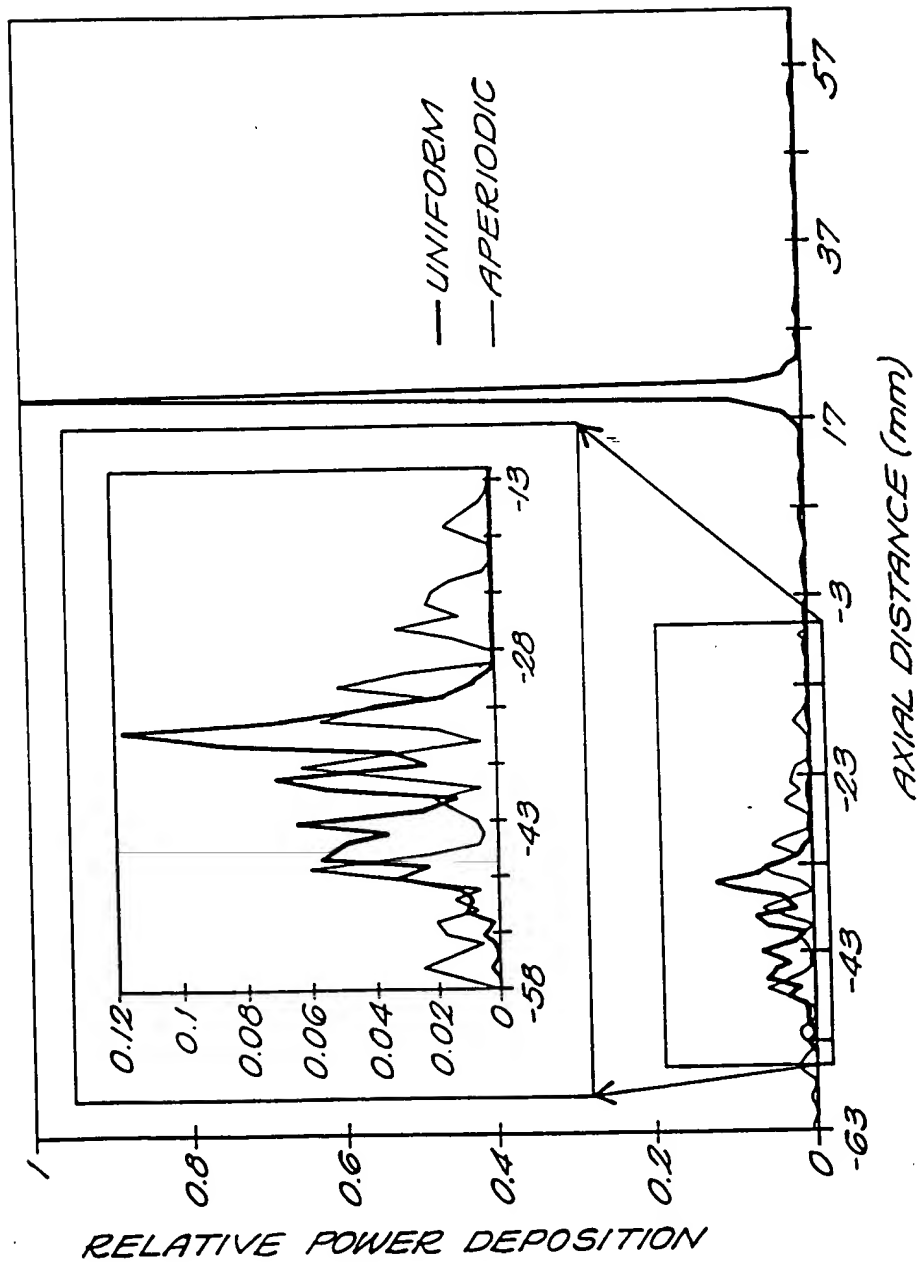
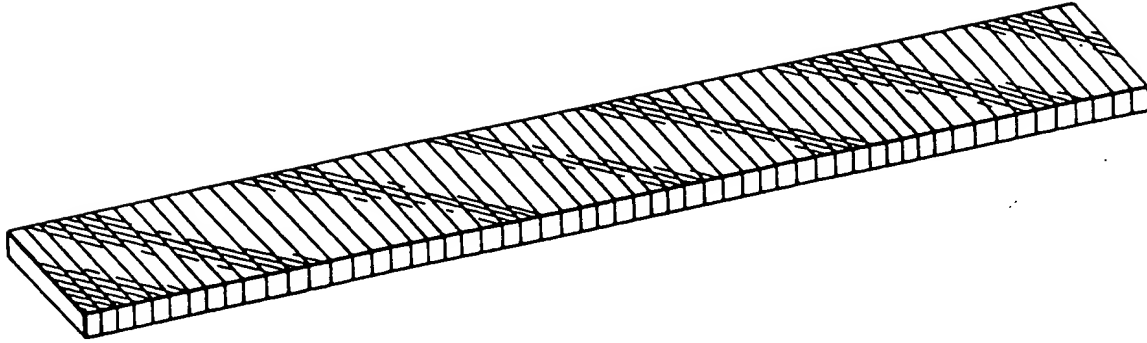
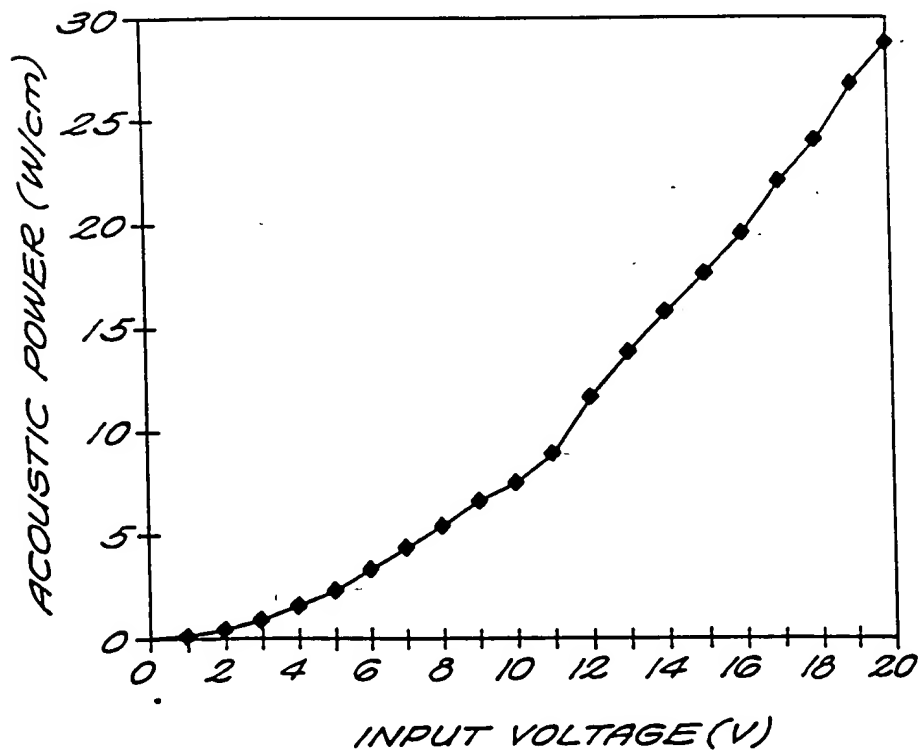


FIG. 9

*FIG. 10**FIG. 11*

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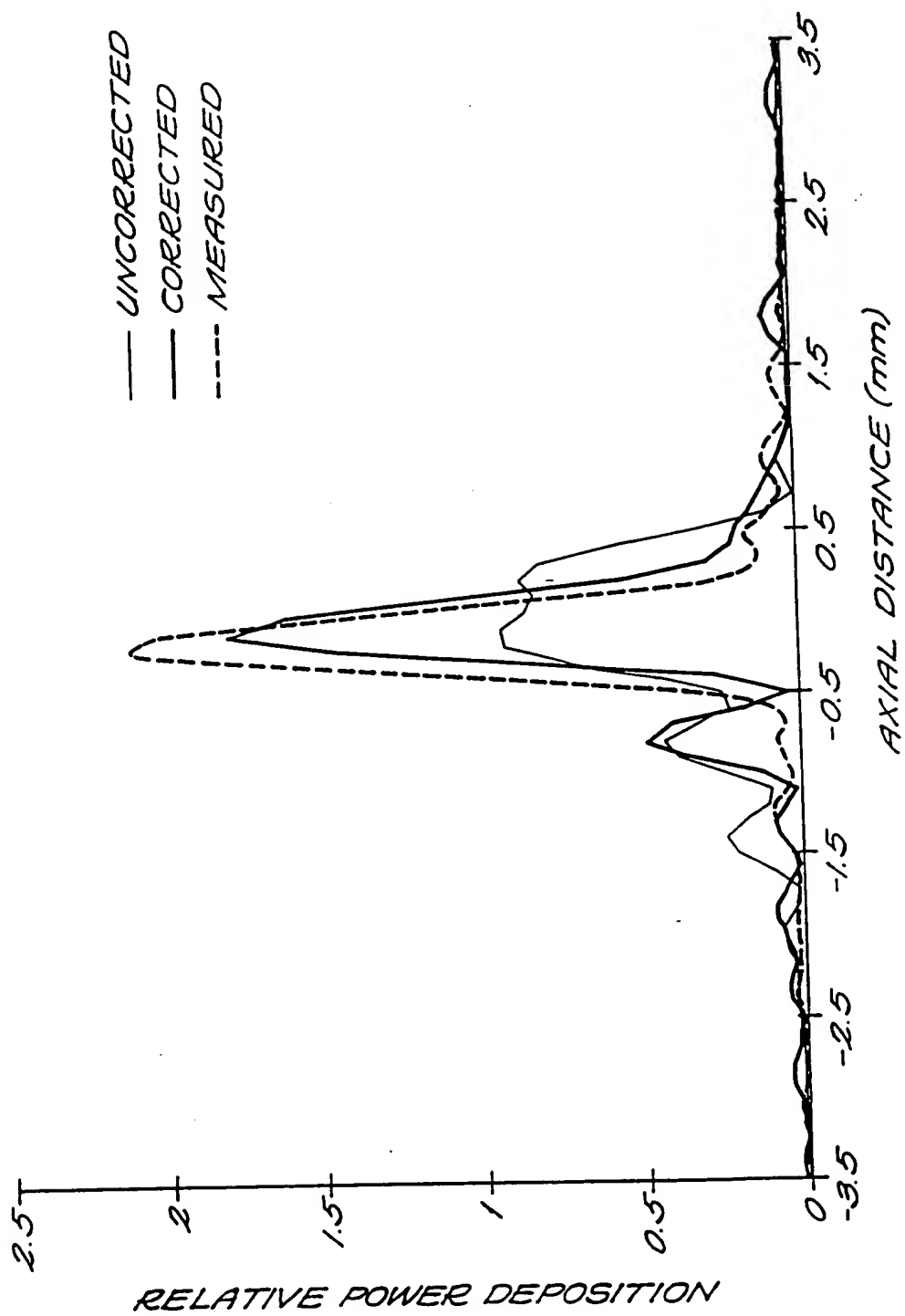
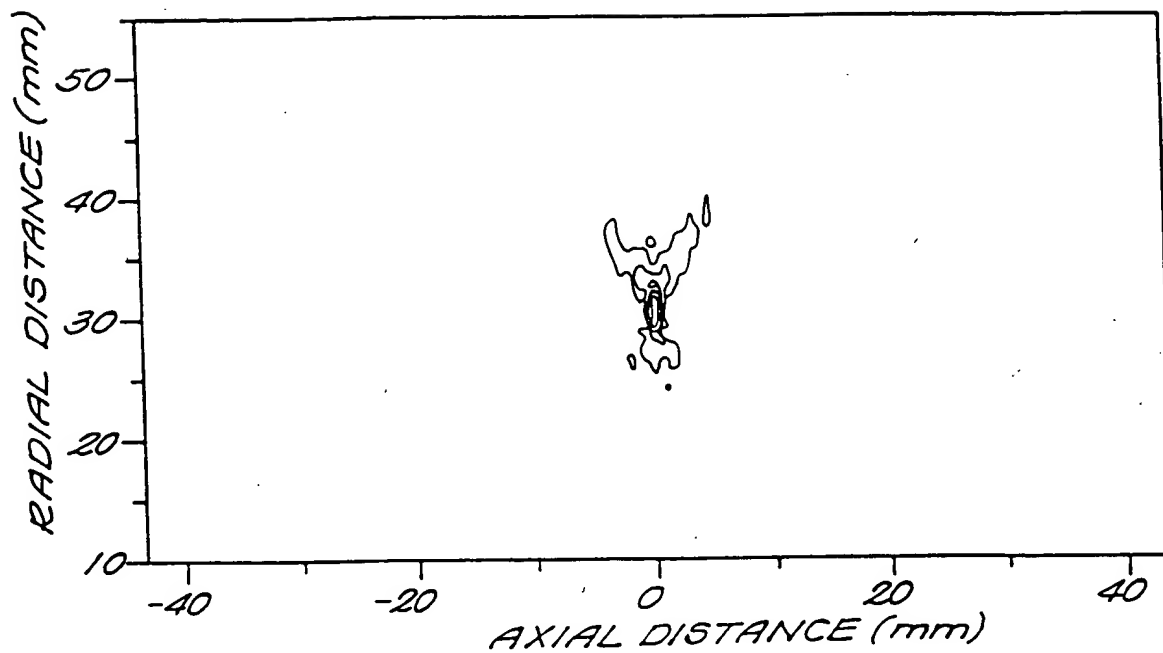
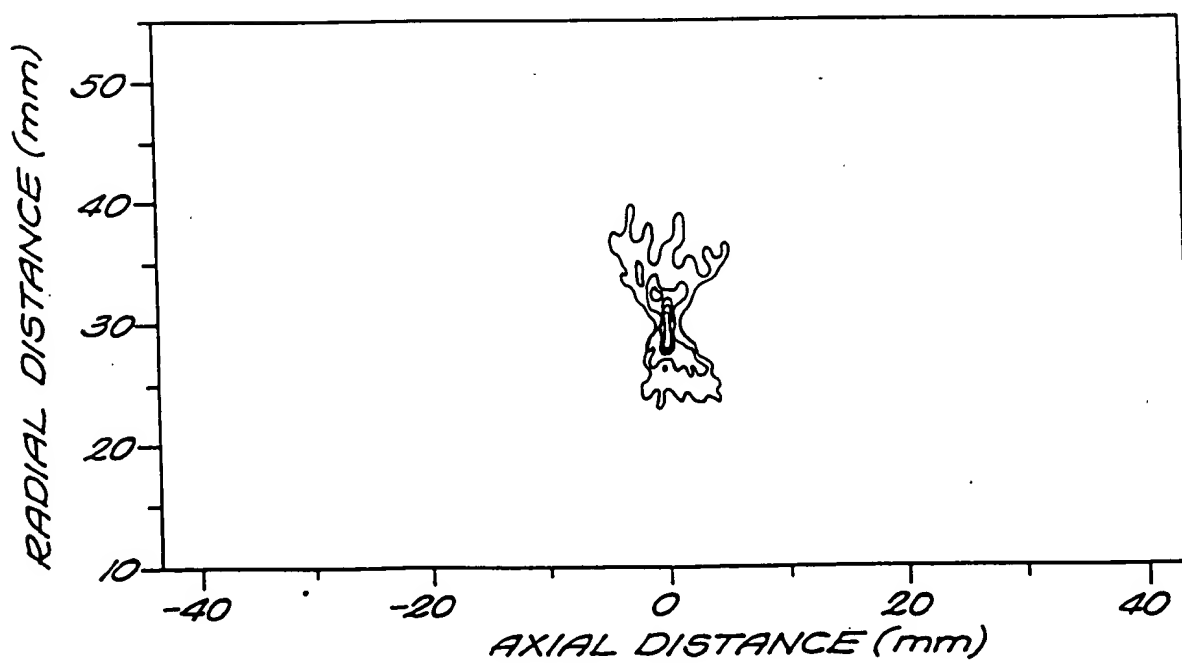
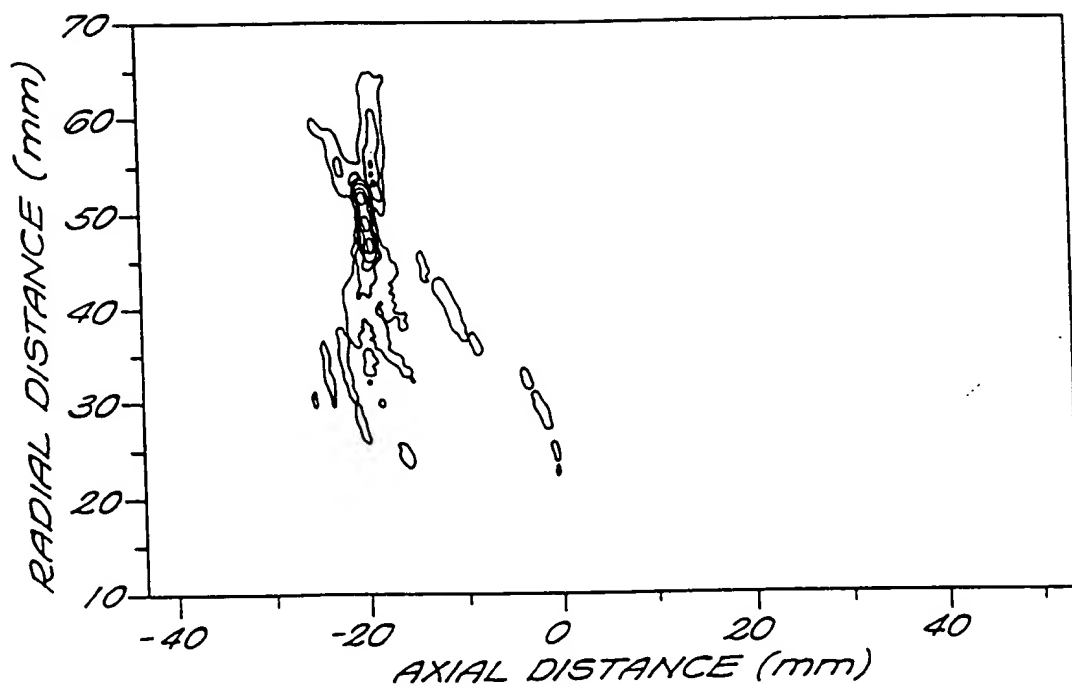
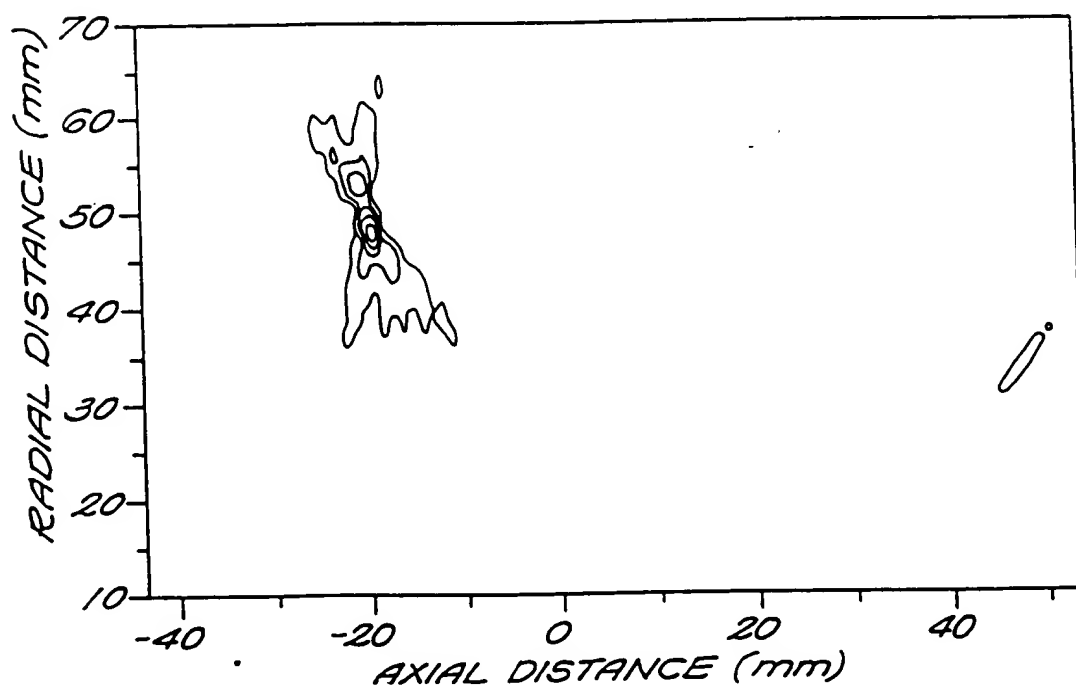


FIG. 12

*FIG. 13(a)**FIG. 13(b)*

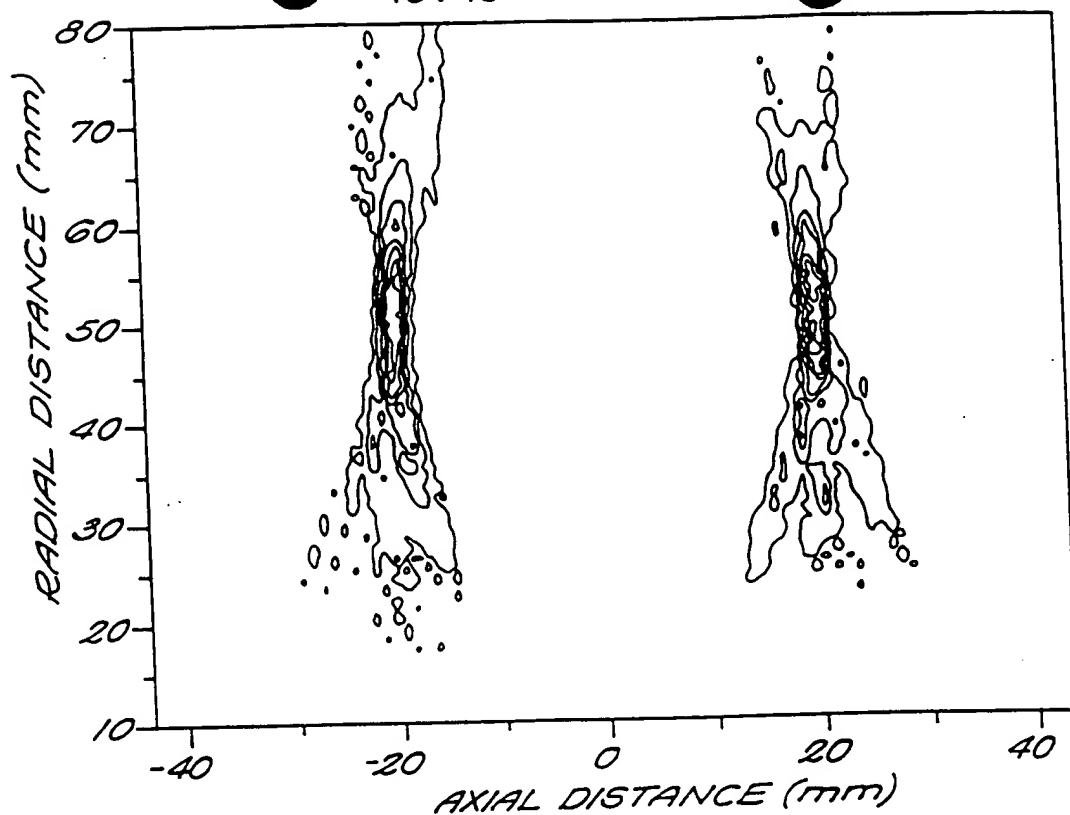
006T0T"46226960

*FIG. 14* (a)*FIG. 14* (b)

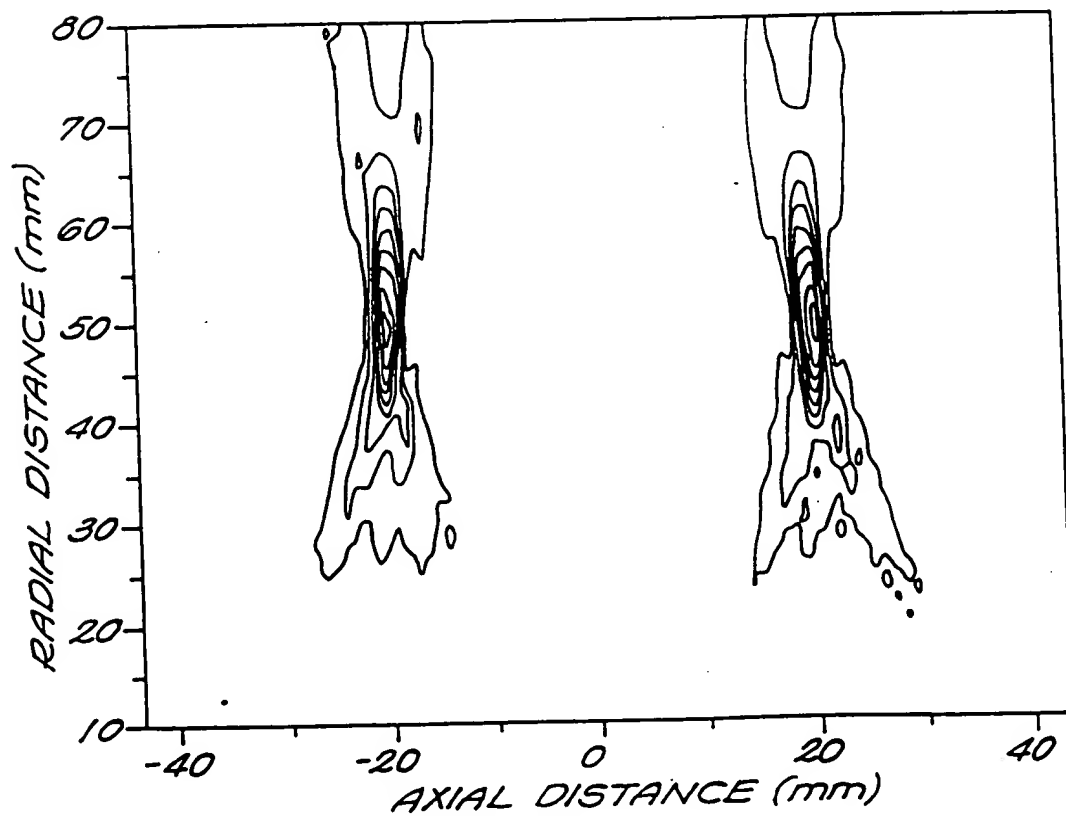
006T0T"46226960

006TDT-46226960

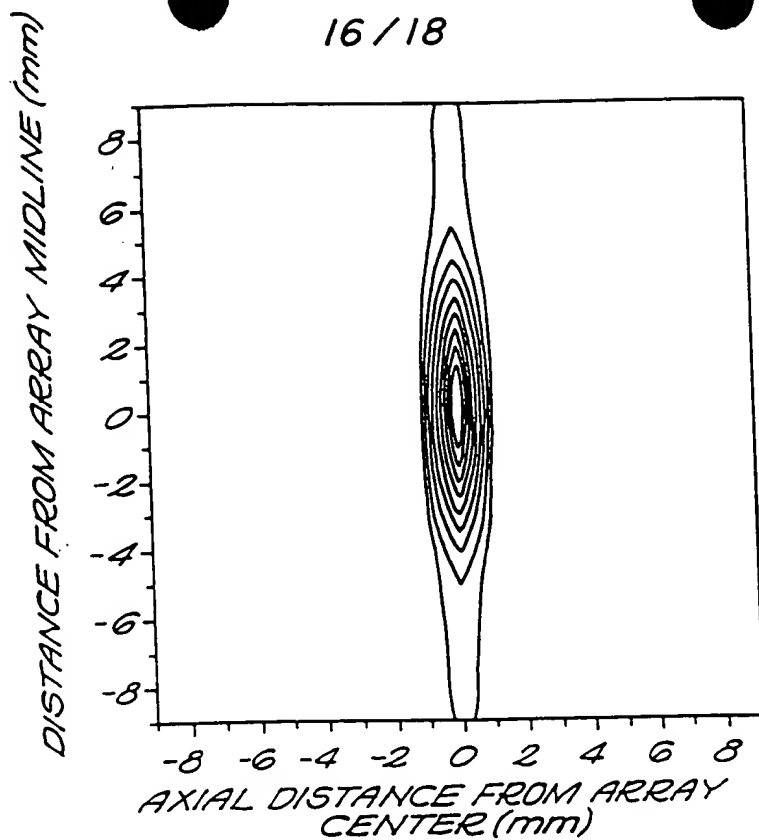
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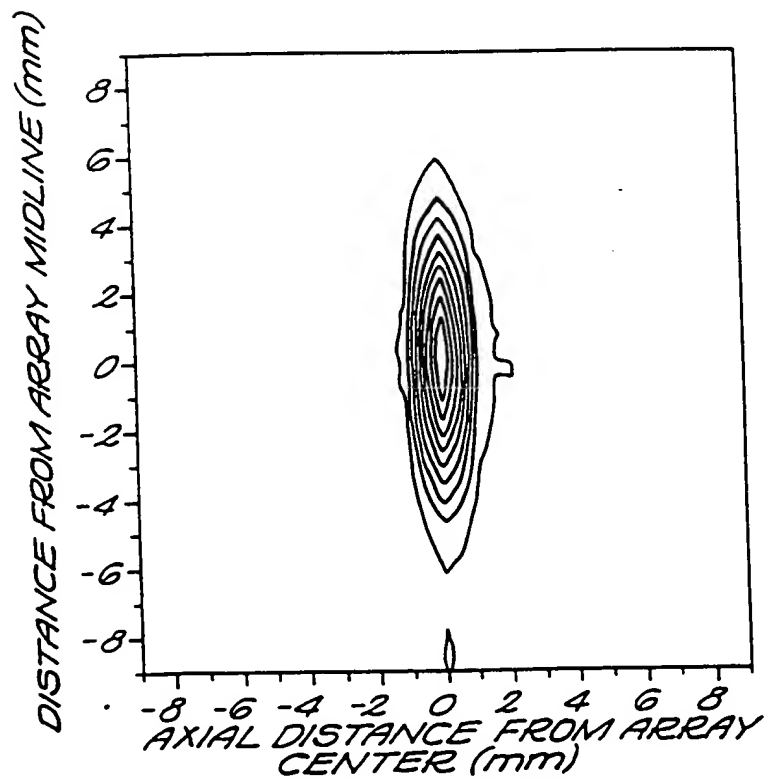
**FIG. 15(a)**



**FIG. 15(b)**

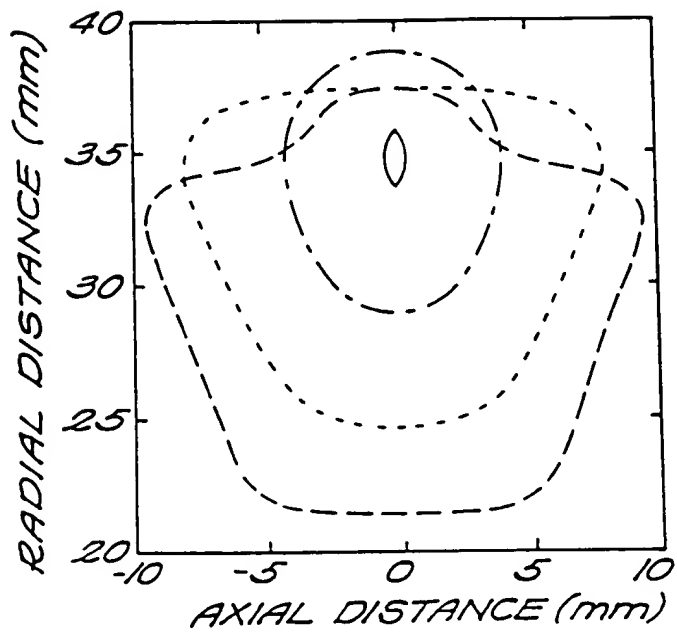
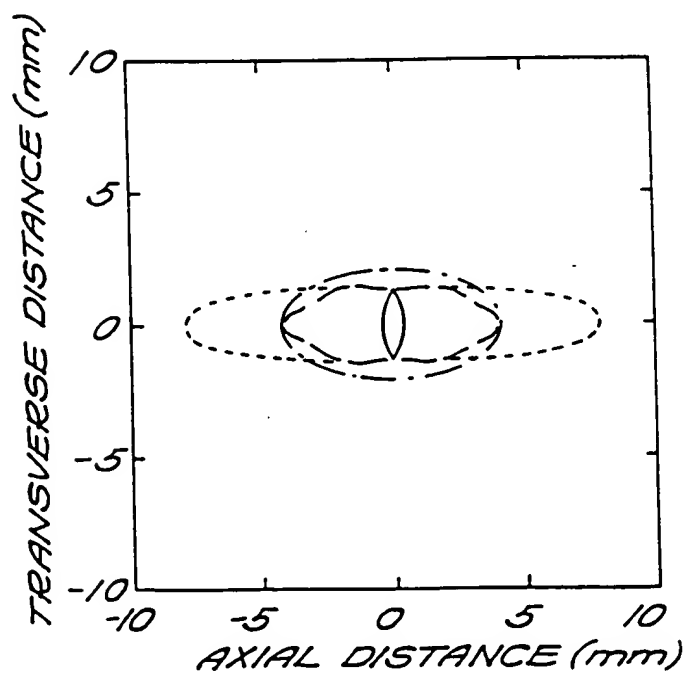


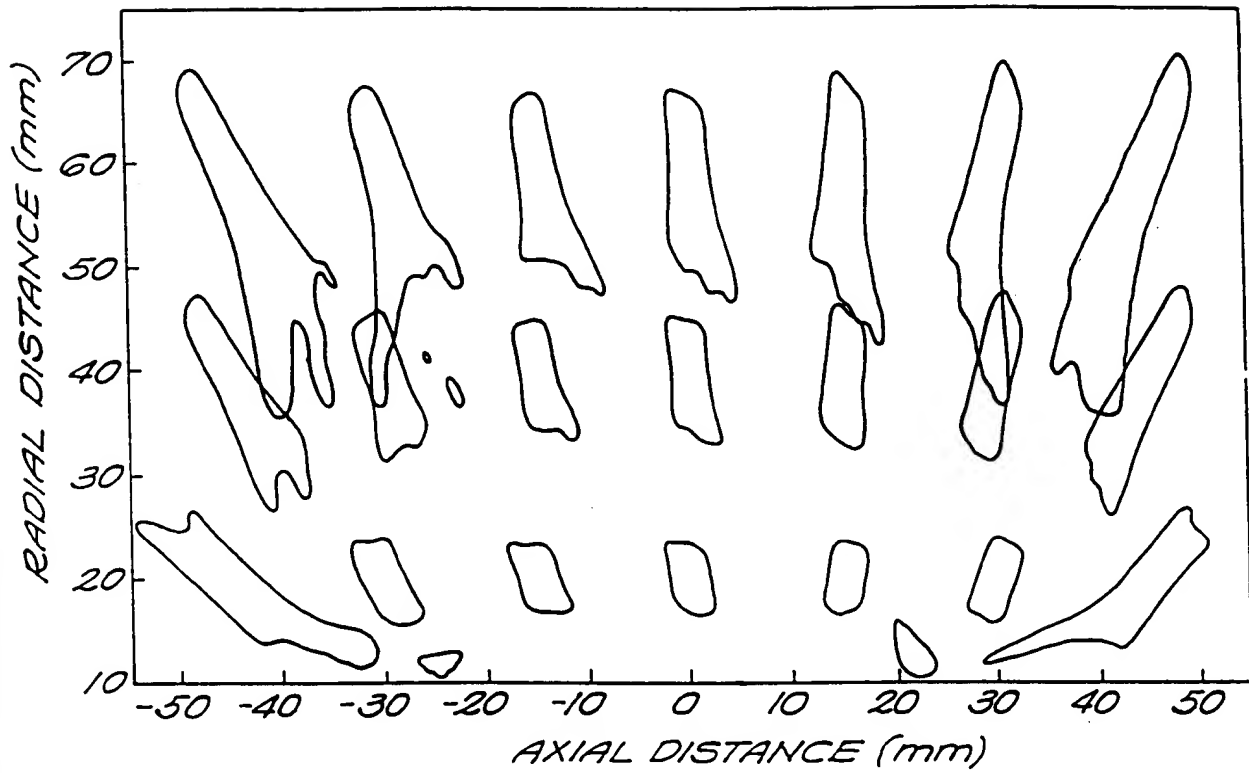
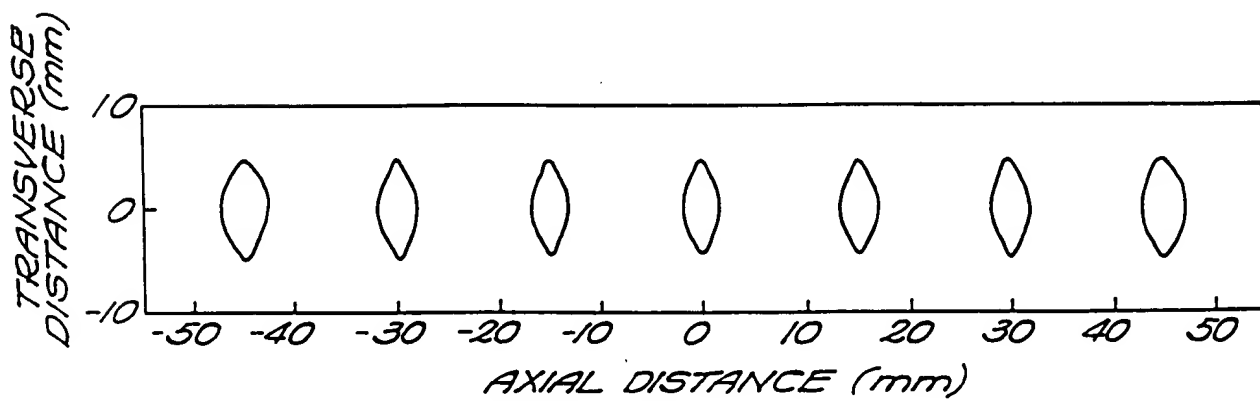
**FIG. 16 (a)**



**FIG. 16 (b)**



**FIG. 17(a)****FIG. 17(b)**

**FIG. 18 (a)****FIG. 18 (b)**